# WITH THE FARMERS

By Prof. W. F. MASSEY

(Letters addressed to Professor Massey must have stamp inclosed for



under for corn. I

plinting use 200 pounds of a high grade fertilizer in the hill. Will it pay to do this? What you propose to do will doubtless increase the corn crop but it is not the way to make corn changly. As compared with a rotation that will give you a clover sod to turn from corn, there is no profit in depending on camplete fertilizers to make corn. Of course you may use commercial fortilizers. cial forfilizers liberally on corn and show a profit in the crop, but compare this with a crop grown on a clover sed and with only acid phosphate applied, and you will find that there is a far greater profit in the corn crop, and a further profit in the moreovement of the soil by the addition of the humus-making material. It always have best to grow corn in a sliways have best to grow corn in a

land have a green crop in winter.

JHOS HE HO SITMIT DIE HOLDER,

The Same Old Story.

SUPY County: "I have a small garden in which I have been raising all the vegetables I can use, especially tomatoes. For the last two years my longatoes have all been going to vines. What must I do to the soil to provent this "You are another one of the number who have come with the same complaint. Doubtless you have been using stable manure alone on the garden, and this is deficient in the mineral matters that are needed for the making of fruits and seed, and the nitroincr of fruits and seed, and the nitro-senous character of the manure has encouraged the vital activity of the plants and has enabled them to draw plants and has enabled them to draw more heavily on the natural store of phosphorus and potash in the soil, and you have gotten a deficiency of these, and an excess of nitrogen. Now, this spring do not use the manure, or, if already manured, try to balance it with a heavy application of acid phosphate and potash. Mix four parts of acid phosphate to one part of sulphate cid phosphate to one part of supprate of potash, and use this mixture on the garden at rate of 1,000 pounds an acre, and you will find a great improvement in the fruiting of all the plants. Hen Manure for Cotton. hampton County; "We have

d and dry. A little plaster was led day to day. What would you mitest to add to it to make a good tillizer for cotion? We have used t with good success on corn by add-ng one-fourth Thomas phosphate, and proadcasting 1,000 pounds an acre. The

Caroline County,
Md.: "I notice in
The Times-Dispatch
that you recomanend acid phosphate for corn. I
have a good stand
of crimson clover
on ten acres of land,
and am spreading
manure as fast as
made on it and expect to get the manure on about twothirds of the land,
I intend to pasture
it lightly, and turn
under for corn. I

has a good deal of humus in tt." I
would hardly advise the enixing of
Thomas phosphate with fac hen manure, for Thomas phosphate is nearly
one-half free carbonate of lime, and
this will be apt to volotilize and drive
off the ammonia. On your land I
would advise you to mix with the hen
manure 5t0 pounds of 16 per cent acid
phosphate and fifty pounds of murlate
of potash to each ton of the manure
durier the cotton, but most of it broadcast down the middles at planting time.
Cotton roots, like corn roots, run all
over the ground and the fertilizer
should be pretty evenly applied over
the land.

Pasturing Rape.

think this land "How large should rape be before needs lime, but I turning hogs on it, and cows, too? 1 Our Toggery display is blocan-cannot get any have a patch nicely up and growing, ing with new Spring thingsof using basic sing phosphate, pounds an acre is on you think a ligive as good results as acid ite, in addition to furnishing me to sweeten the soil? And little muriate of potash also corn? The basic sing costs in delivered, and acid phosphate tent for \$12 a ton." Your land in Caroline, as a time at first, and you will soon see sherefitted by applications of as ours here in Wicomico is, heaviest fertilizing of strawberries in rule, too, the soil in both is is apt to be acid and need to application of the basic season. Use from an acre of Thomas phosphate will not is speedily as acid phosphate.

Cabbages Running to Seed.

Mecklenburg County, N. C.: "I bought a pound of Wood's early cabbage seed isble. But its final results on soil will be good. In addition to it 400 pounds of basic slag, I but the final results on at the final results on a service will be better in final results on a say reason for this? I set them the act of professional covers in Tablot County, Oscar Colemance were heavy crops of corn clover soil lightly limed, and he turns some, too, before turning the results of Soda on Onts.

Atlantic City, N. J., April 21.—Beginning its last week, the national bowling tournament livened up to-day, bowling tournament livened up to-day, changing standings in the events considerably. If Freese, or Roading, and he store were fault in the seed, but from an overfault in the seed of the trouble in the close of the seed of the individual standings with their characteristics.

Charles Trucks, Philadelphia's one best bet, bowled a good pace in every event, and with 1,857 pins for a total coverfault. the seed from the first to middle of October, so as to get plants just of October, so as to get plants just of October, so as to get plants just of good size, but not overgrown. Heavy fall growth will always result in more going to seed than a moderate fall growth, The best of seed will do this if the fall weather favors a heavy so will louise. I do not be-

y pounds of wheat bran bran bran slightly with water line a little molasses. This components to the bran thoroughly, so as to get een on all the bran. Then along the rows of corn is above the ground, and a great line will need a ton an acre, where 1.00 pounds of slaked burnt lime would an extend the rows of corn is above the ground, and and cost less an acre.

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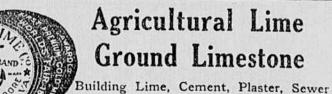
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### Herefords at Auction

## **Ground Limestone**

Claimed by a great many to be etter than burnt lime. For sale by Jackson Coal and Coke Co., Petersburg, Va.

took fifth place in the all-events average. Individual scores—M. Feather, Reading, 129; E. McQuesten, Nashua, N. H., 183; H. Brown, Reading, 29; H. Hrener, Reading, 30; W. Schrader, Reading, 130; W. Schrader, Reading, 130; W. Schrader, Reading, Nashua, N. H., 183; H. Brown, Reading, 474; H. Freed, S. J. Style, H. M. Schrader, Reading, Nashua, N. Reading, 140; P. Marker, N. R. Schrader, Reading, Nashua, N. R. Schrader, Reading, 140; P. Marker, N. R. Schrader, Reading, 141; P. Marker, P. Marker, N. R. Schrader, Reading, 141; P. Marker, Reading, 140; Operand, New Rochelle, 151; P. Hou, 150; H. Dock, Trenton, 151; C. Hassker, Reading, 151; H. Warker, Egg Harbor, 153; H. Hassker, Reading, 152; H. Gorger, 151; H. Warker, Egg Harbor, 153; H. Hassker, Reading, 152; H. Gorger, 153; R. Honer, 153; H. Hassker, Reading, 154; P. Carpenter, New Rochelle, 151; H. Hews, 153; R. Kirchoff, 151; S. Haney, Philadelphia, 152; F. Carpenter, New Rochelle, 151; P. Handelphia, 153; R. Haney, Philadelphia, 153; R. Haney, Philadelphia, 153; R. Haney, Philadelphia, 153; R. Haney, Philadelphia, 153; R. Frice, Philadelphia, 153; R. Frice, Philadelphia, 153; R. Frice, Philadelphia, 153; R. Schrader, Reading, 161; M. Price, Philadelphia, 153; R. Schrader, Reading, 161; M. Price, Philadelphia, 161; M. W. Albright, Reading, 161; M. Price, Philadelphia, 161; M. W. Albright, Reading, 161; M. Price, Philadelphia, 161; M. W. Albright, Reading, 161; M. Price, Philadelphia, 161; M. W. Albright, Reading, 161 Rougers and Grossman, 1,000; Hatsel and Curtis, 1,003; Deck and Beedolph, Trenton, 1,002; Martin and Johnson, Philadelphia, 1,157; Moss and King, Philadelphia, 1,080; Knox and Satterwight, 1,132.

Lose Game for Bushmen. Burden in Fine Form.

was marked by fast, snappy fielding, he double plays being pulled off—three by the Goobers and two by the Tars. Swing, who was sent in by liuseh to do the pitching for the locals, would have won his game but for the errors behind him. He kept the Tars down to two doubles and three singles, besides making a two-bagger and a single himself. Burden was also in the form, allowing six singles and a louble, but his support was almost perfect, an error by Stein in the seventh uning, which did not amount to anything, which did not amount to anything, being the only bad play credited

Summary: Two-base hits—Tennant, Swing, Hart. Stolen bases—Allen. Double plays—Swing, Barnett and Love Jackel and Busch: Jackel, Busch and Barnett; Hart and Stein; McMahon, Stein and Pressly. Base on balls—off Burden, 4; off Swing, 4; Left on bases—Petersburg, 7; Norfolk, 3; Sacrifice fly—Hart. Struck out—by Swing, 3; Wild pitches—Burden. Time of game—1:40. Umpires—Tone and Norcum.

NATIONAL LEAGUE (Continued From Tenth Page.)

the game, though the Phillies did some heavy hitting for their runs. In the ninth Devore and Recker pinch-hit-ting, both singled, but Recker was caught trying to stretch his hit. The

Score:

. Philadelphia.

Ali E H O A

Paskert. cf 2 0 1 3 0 Ma'ville 35 1 1 1 5

Byrne, 2b., 4 0 0 1 5 Evers 2b., 3 6 1 3 4

Lobert. 3b., 3 0 0 2 6 Contolly, rf 5 0 1 1 6

Magee, H. 4 1 2 4 6 Grintin, lf 5 0 1 1 0

Cravath rf 4 1 1 2 0 86 high 1b 2 0 11 1

Luderus, 1b 4 1 2 5 0 Gilbert of 4 0 0 2 1

Luderus, 1b 4 1 2 5 0 Gilbert of 4 0 0 2 1

Burpe, c., 1 0 0 2 0 Gowiy, c., 3 1 3 4 1

Coschger, p 2 0 1 1 2 Crutters, p, 4 1 2 1

Dodin, c., 2 0 0 0 1 Collinst, 0 0 6 0 0

Devore. 1 0 1 0 0 Whaling, c 9 0 0 1 0

Reckert. 1 0 1 0 0 Whaling, c 9 0 1 0

Reckert. 1 0 1 0 0 3

AMERICAN LEAGUE (Continued From Tenth Page.)

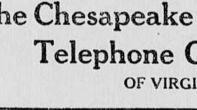
Auctioneer,

190 head Bulls, Cows and Heifers; bood of Perfection Fairfax, Beau Dondon, Mapleton, Britisher, Bonnie Brae, crobat and Corrector, the best blood of the breed, 50 sold at Orange, va. IAY 7 by the Atlantic Hereford Cattle Speeders' Association. For catalogue, iddress LUCIO W. HILL, Locust Dale, Ya. Fifty sold at Roanoke, Va., MAY 8 by W. T. McCray. For catalogue, address W. T. McCray, For catalogue, address W. T. McCray, Kentland, Ind.

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Britisher, p., 2 0 1 0 3 Fisher, p., 2 0 1 0 3 Fisher



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NAPS LOSE TO DETROIT

First Victory of Season Comes at Expense of Portsmouth Pirates.

Portsmouth, Va., April 21.—The Roa-noke Tigers scored their first victory of the season this afternoon by defeat-

Moren, cf. 5
Mills, rf. 4
Goalby, 2b 4
Burke, lf. 4
Graham, lb 4
Irmscher, 3b 5
Hummel, ss 4
Mailoy, p 1
Boyle, p 2

FRUM FINIBURNE of York, for Fishburn, and the pitching and batting of Burwell, for the

"Relieved my Rheumatism

- Yes, and after I'd been laid up all winter, had doctored, and tried everything I could think of, and was just about ready to give up the fight, the pain was so terrible-that's what Sloan's Liniment did for me. And it'll

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